THE AUTOMOTIVE EDGE™

The Official Publication of the
NATIONAL LOCKSMITH AUTOMOBILE ASSOCIATION™

09.08

2007 Toyota RAV4

1. 2007 Toyota RAV4.

2. Front of vehicle.

Issue No.91

Here are the two best websites for Automotive Locksmiths:

www.TheNationalLocksmith.com
Chat, Forums, Editorial,
Online Store, Tech Support

www.Laserkey.com
Product & Technology Sales,
Transponder Information Resources

3. RAV4 key fob.

4. Code Series: 50000–69999
Key Blank: TOY43-EK2
Service Key: TR47 / X217

National Locksmith Automobile Association™

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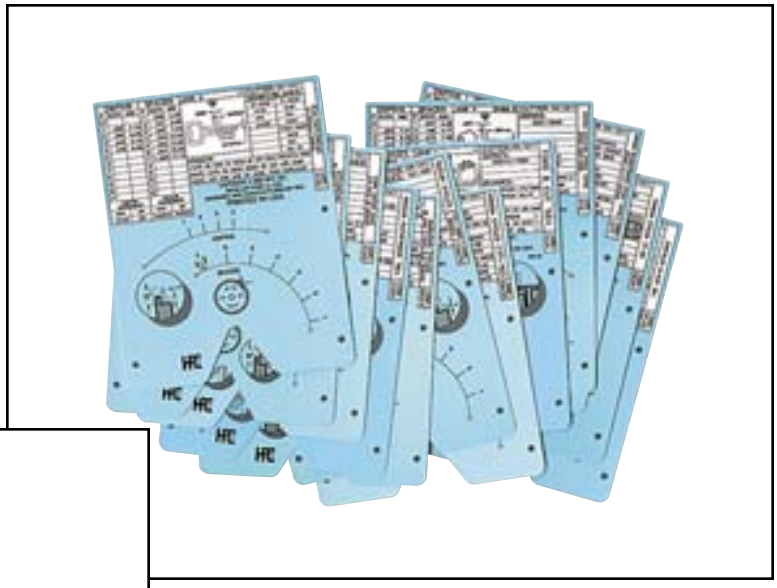
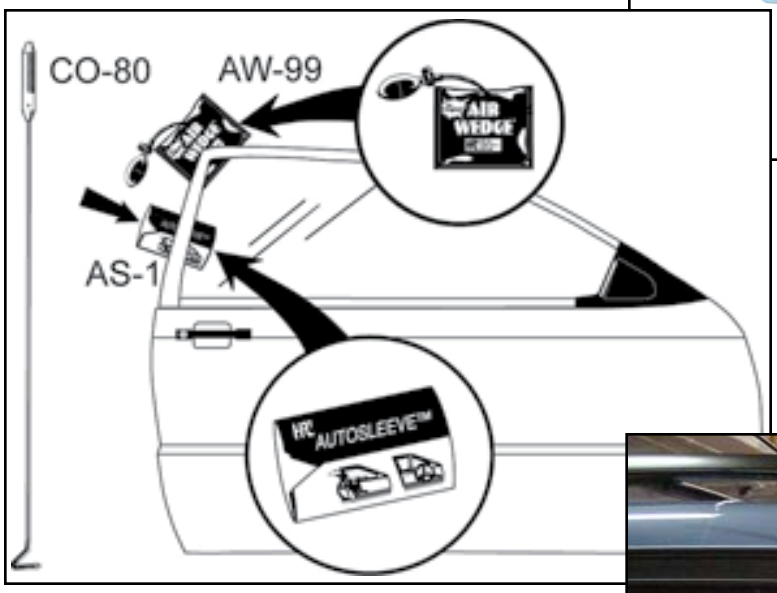
Issue No. 91

Manufacturers: Interested in offering rebates or discounts to NLAA members? Contact Marc Goldberg at the Home Office

5. DSD 176, 1200CMB Card: CF307 / Cutter: CW-47MC / Jaw Type: A.

6. Space/Inch: 1 = 846, 2 = 791, 3 = 709, 4 = 654, 5 = 571, 6 = 516, 7 = 433, 8 = 378, 9 = 295, 10 = 240 Depth/Inch: 1 = 325, 2 = 299. 3 = 274, 4 = 248

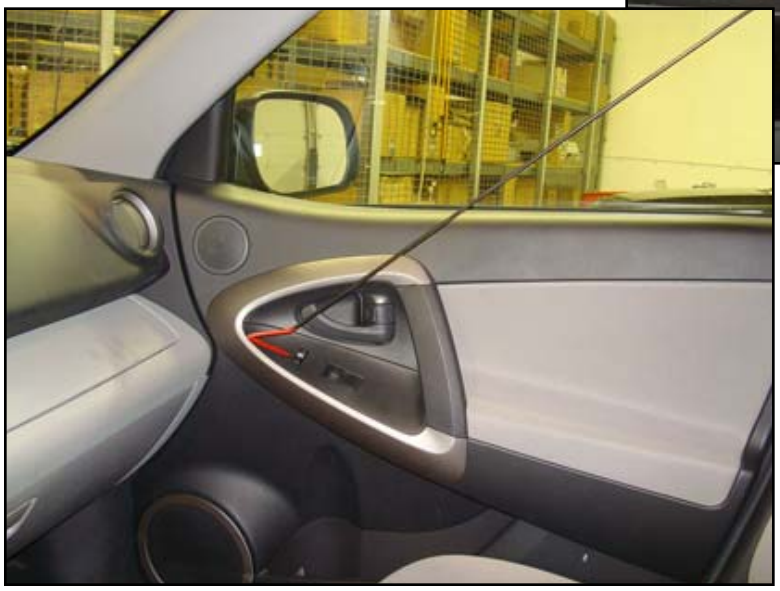




VEHICLE OPENING:

7. Opening Method Technique: TC-2.

8. Carefully wedge a gap at the window and frame using an Ultimate Auto Wedge or an Air Wedge. Use the AutoSleeve to prevent damage to the paint. Note: Extra care should be taken when prying the window or door away from the frame.



9. Insert the tool through the gap. Position the tip of the tool on the electric lock switch to open or by pulling out on the rocker button. Remove tool and deflate Air Wedge before opening door.

10. Lock Picking Style PX: Ignition Lock: Acc./ On/Start:CW, Off/Lock: CCW. Driver Side Door: Lock: CCW, Unlock: CW. Glove Box: Lock: CW, Unlock: CCW.

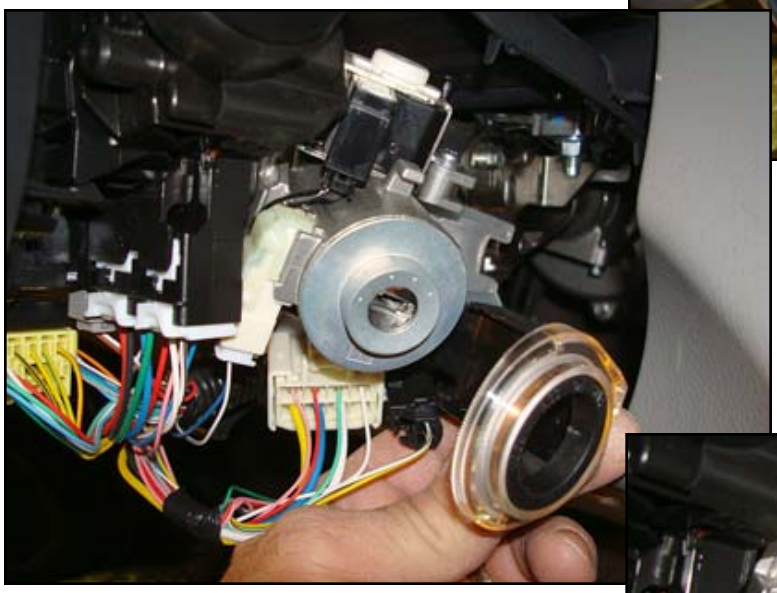
11. Side Impact Airbags: Inside Seatback Upholstery and Inside Lower Pillar–Curtain.

IGNITION LOCK:

12. Ignition Lock Removal Location: Column/10 Tumblers. Positions 1–10.

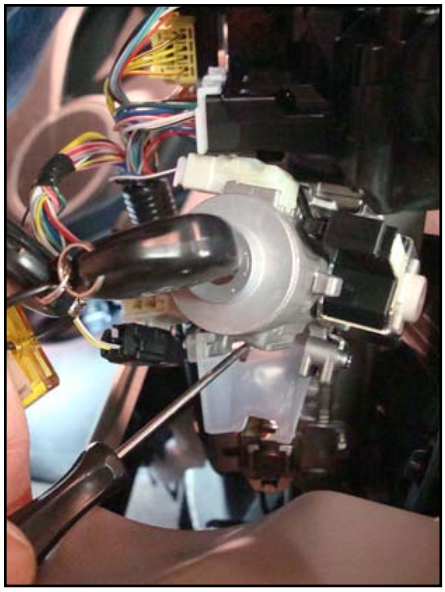
13. Position steering wheel column to remove bottom portion of column shroud. Press on bottom portion of shroud at center to unsnap top portion of column shroud.

14. Remove bottom portion of shroud to access ignition lock.



15. Carefully pull outward on transponder ring to access ignition lock depression pin.

16. This picture shows a mirror used to visual see the ignition lock depression pin.

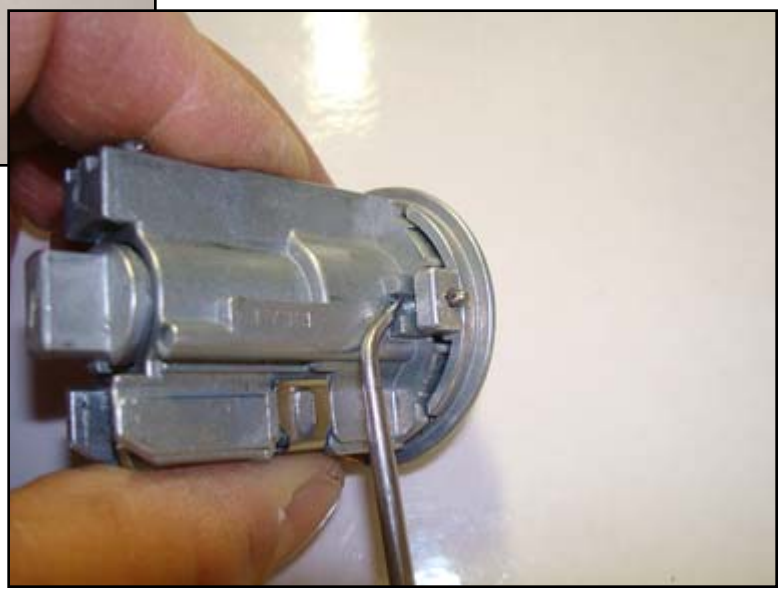


17. With lock in "On" position, depress on cylinder depression pin to remove lock.

18. Pull outward on ignition lock to remove.

19. Picture of ignition lock.

20. To dissemble ignition lock, remove truarc ring.



21. Remove 2 roll pins, one on each side of face cap.

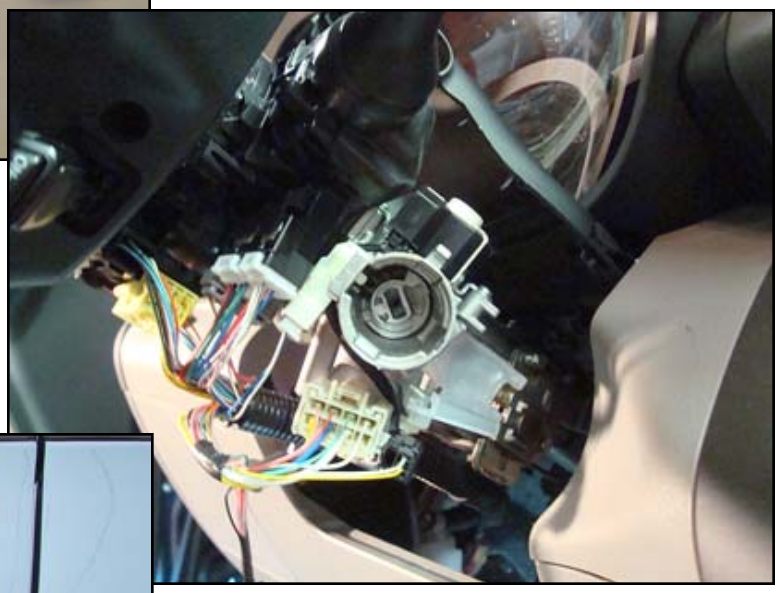
22. One of the roll pins can be easily removed by pushing outward from the end of the roll pin. The second roll pin will require a small slot adjacent to roll pin to assist in the removal.

23. Remove cylinder from housing.

24. Ignition cylinder.

25. Ignition housing.

26. Ignition lock parts.



27. Ignition column and switch.

DOOR LOCK:

28. Door Lock Removal. 8 Tumblers. Position 2–10.

29. Remove access cap located at door edge of driver side door.

30. Unscrew 1 (T-27) screw. Do not remove screw.

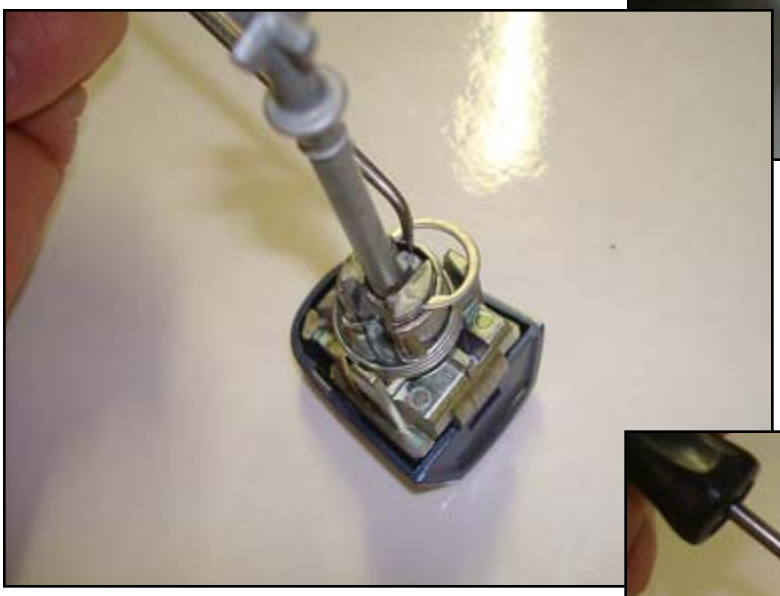
31. Pull outward on door cylinder to remove.

32. Notice long tail part driver on rear of cylinder.

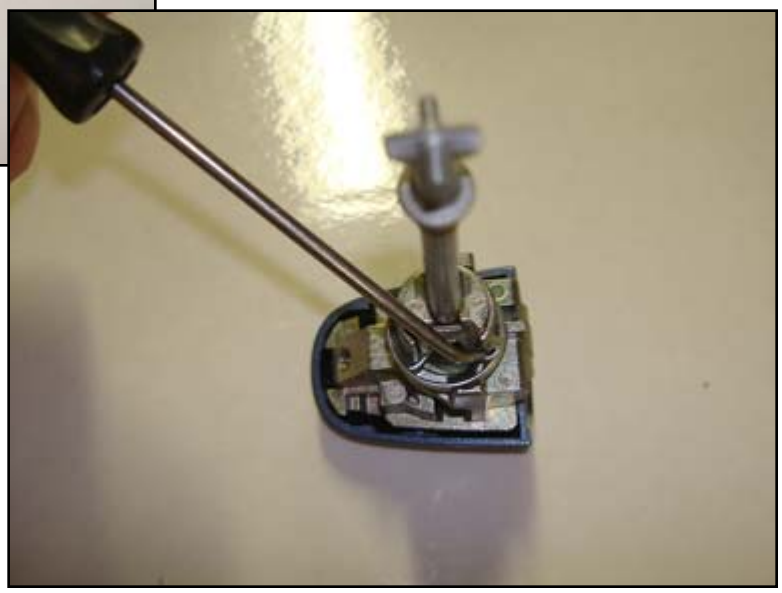
33. Handle assembly with door lock removed.

34. Door lock.

35. Key code on door lock.



36. To dissemble door lock, remove C-clip at rear of lock.



37. Remove spring at rear of lock.

38. Carefully remove snap-on handles lock facecap.

39. Remove facecap from lock.

40. Remove cylinder from housing.

41. Door lock parts.

GLOVE BOX LOCK:

42. Glove Box Removal. 5 Tumblers. Positions 5–10.

43. Right side latch.

44. Left side latch.

45. Open glove box, push sides of glove box inward to lower door to access lock screws.

46. Remove 2 (P-2) screws.

47. Swing outward on lock to disconnect right portion of glove box linkage first.

48. Pull outward on glove box lock. Notice left side of glove box latch.

49. Glove box lock.

50. This picture shows left side of glove box lock latch.

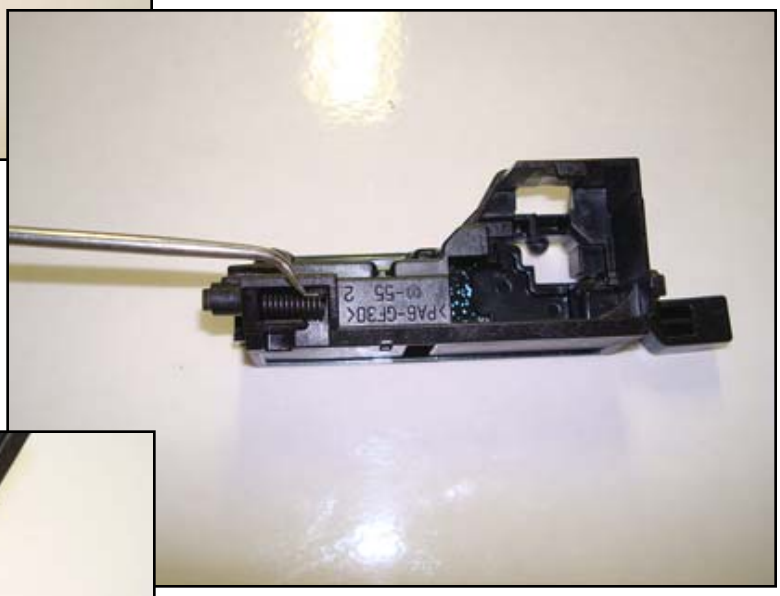
51. This picture shows how the glove box lock connects to right side of latch.

52. Rear back side of glove box lock.

53. This picture shows glove box lock removed and view of internal latch linkage.

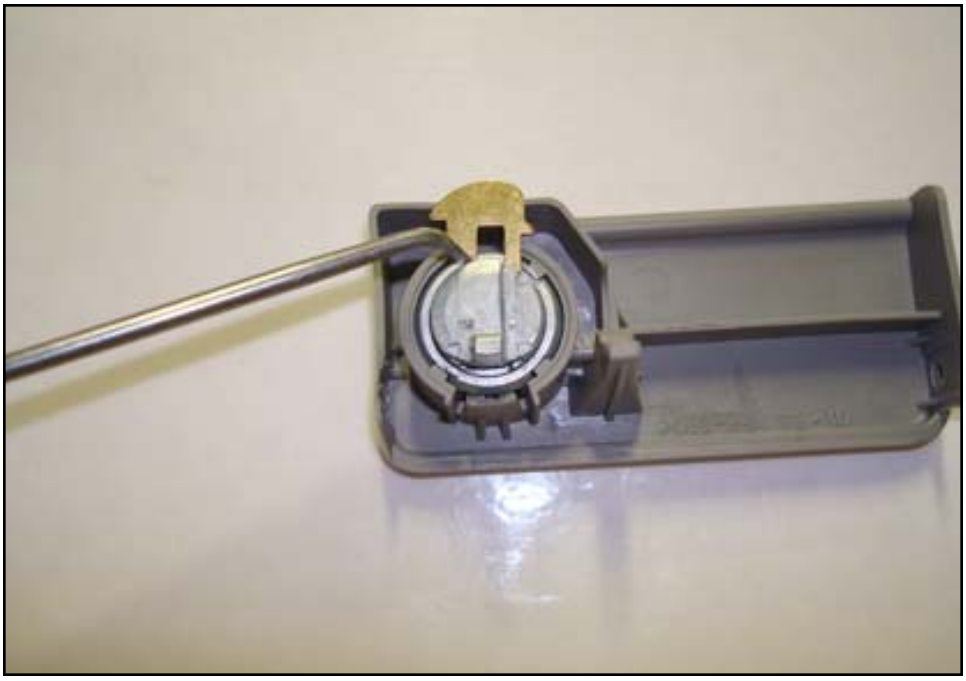
54. To dissemble glove box lock, carefully remove front of lock from rear of lock.

55. Front portion of lock removed.



56. Handle spring.

57. Close up view of handle spring.



58. Remove holding wafer to remove core.

59. Remove core from handle.

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